# Homeguard LS100

## Entry Door Chime & Alarm

## User Manual

### INTRODUCTION

**The LS100 is an intruder alarm and chime integrated system specifically designed to protect your home. It is a simple to use, easy to install unit. No special tool or training is required and all mounting supplies are included, so that users can do it by themselves.**


1. ***Three working mode***
   **(OPERATE)----------P.2~3**
   - **Door chime**
   - **Instant alarm**
   - **Delay alarm**

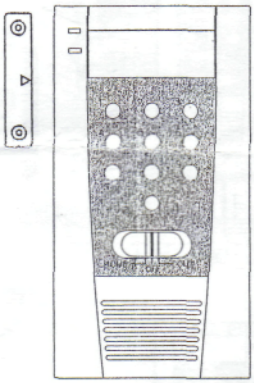
2. **Panic alarm ----------P.4**

3. **Change password-----P.4**

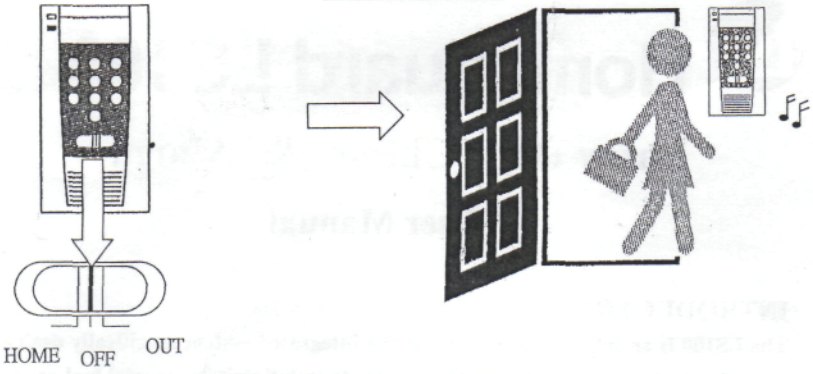
4. **Alarm Hold----------P.4**

5. **Installation----------P.5~6**

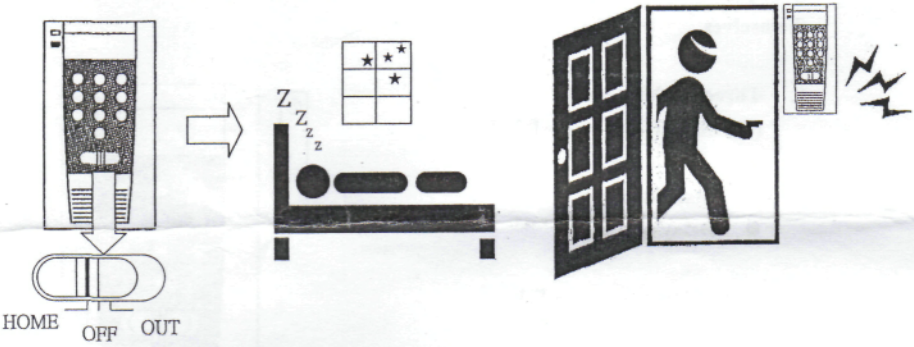
6. **Indications----------P.6**

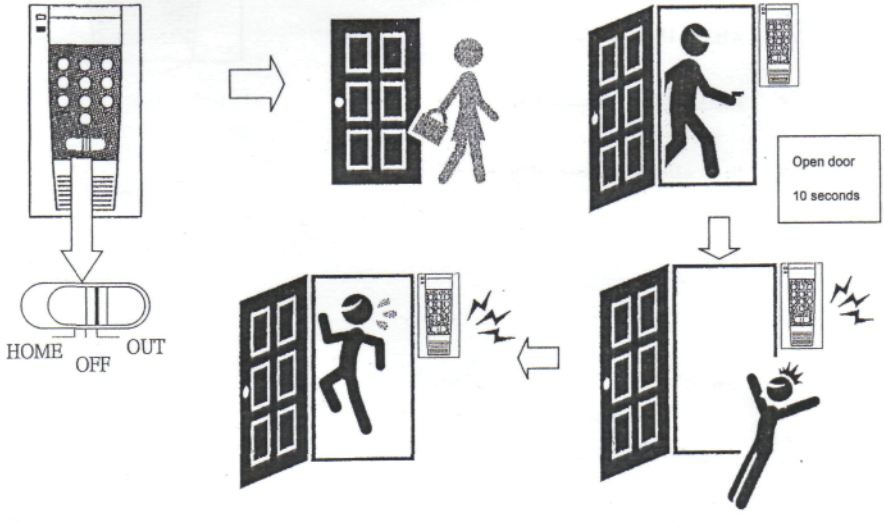
## DOOR CHIME




## INSTANT ALARM




## DELAY ALARM



## How to operate

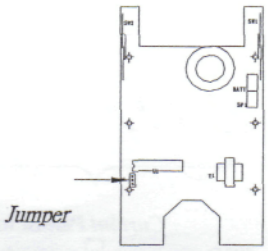
Use the slide switch to select **HOME**, **OFF**, and **OUT** mode.

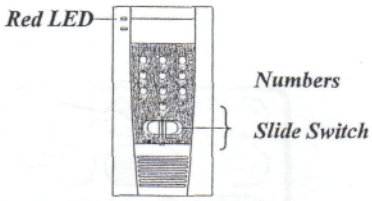
At **HOME** mode, the alarm will sound immediately when the door is opened.

At **OUT** mode, when the door is opened, there is a 10 seconds delay before the alarm sounds. The user may enter the PIN within the delay time to avoid the alarm being activated. (There is a short Beep to indicate the exit delay is over and the system is armed)

At **OFF** mode, an entry chime (2 "Ding-Dong") will sound when the door is opened.

The user may disable this Chime function by pulling out the "JUMPER". (As shown on the PCB diagram) (Factory default setting is with the "Chime" on)

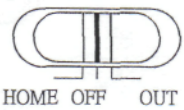



### A) Turn on Alarm System while Exiting the House

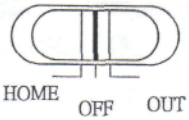
1) Push the slide switch to "**OUT**" position.

2) Close the door and leave the house within **10** seconds.




### B) Switch off Alarm System when Entering the House

1) Enter your own four-digit PIN number within **10** seconds. (Note: The factory preset PIN no. is "**1 2 3 4**". To change the PIN, please see procedure "**E**")

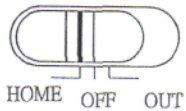


2) Push the slide switch to "**OFF**" position.

### C) When Inside the House

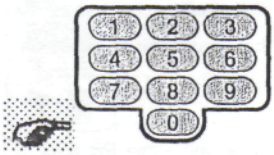
1) Push the slide switch to "**HOME**" position.

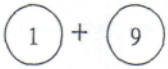
2) Magnetic Switch is activated to protect your house



## D) Panic Alarm

Press Buttons "1" and "9" together, alarm will sound immediately. (In case of emergency)

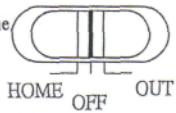


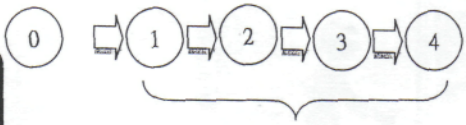

## E) Change PIN Number

User is highly recommended to change the PIN number when using it for the first time.

1) Push the slide switch to "**OFF**" position.




2) Key in the PIN numbers as follows:




*Current PIN*

*New PIN no.(e.g.5678)*

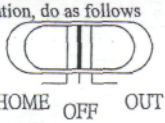
3) If new PIN is accepted, a short beep sounds. If the command is rejected, a long beep sounds.

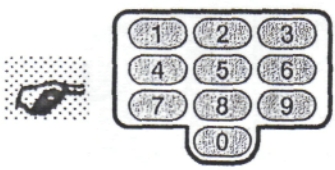
## F) Alarm Hold

After Magnetic Switch was triggered and continued sounding for 1.5 minutes, the Alarm Hold Light (Red LED Indication) turns on. To turn off the Red LED Indication, do as follows

1) Push the slide switch to "**OFF**" position.

2) Press Button "**0**". Then wait for 5 seconds.



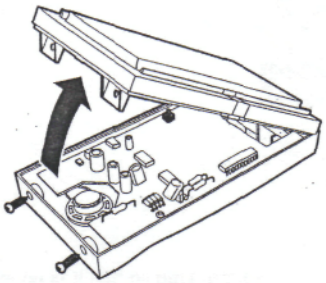



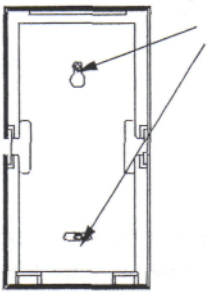
## Installation

**1) Mounting of back-plate**

**a.** Mark holes on the wall near the door with the back-plate.

**b.** Then use the screws provided to hang on the back-plate.

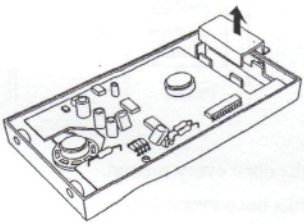




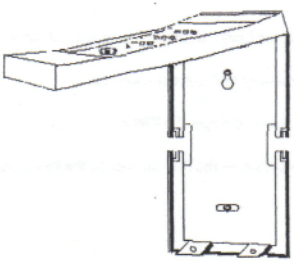

**2) Installation of Main Unit**

**a.** Make sure the Slide Switch is on **OFF** position.

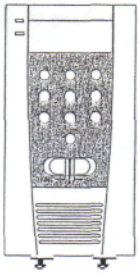
**b.** Install the 9V battery into the battery apartment of the Main unit



**c.** Secure the Main Unit top case / PCB onto the back-plate.

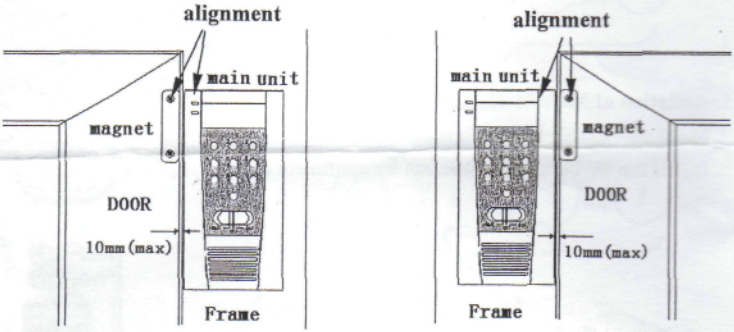


**3) Fix the Main Unit top case / PCB with the two screws at the base.**



**4) Installation of Door Contact Magnetic Switch.**

Fix the magnet on the door, align it with the Main Unit so that it is no more than 10mm apart from the left or right side of the main unit when the door is closed.




**Indications:**

- Alarm hold indication – Red led blinks once every second.
- Low battery indication – Red led blinks once every 4 seconds.
- Mode change – Red led blinks once
- Normal condition – No led on
- Negative response – One long beep

Note:

1. Pressing the valid four-digit PIN number can stop any alarm.
2. Red led blinks once per 4 seconds indicates that it is in low battery situation. Replace a new battery according to the Installation section.
3. In case you forget the PIN number, take off the battery and replace it again after a couple of minutes. This restores the PIN number to the factory default setting (**1 2 3 4**).